NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			Total R: 10,05,268-00	
			GT. 10053-00	
			VAT- 40211-00	
			Cess- 10053-00	
			CSF- 10053-00	
			I.R- 15079-00	
			Fine. 2000-00	
			Adj 78401-00	
			Chq: 9,28,867-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

SBR- 241/16-17, dt- 30/1/17
BR-792/31 of 17

First and final bill.

Serial No. Pre-measurements:
Name of Work Road widening and improvements to roads To from Mariyannapalya to 263684
Name of Contractor of nature of Agency Coffee board layout in ward no-07 by alerayanapura.
Date of commencement of work H.R. Prathap

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est. cost:-	30.00 lakhs					
	Job code:-	607-15-000025					
	A.S. No:-	AS/AC(YNK)1135/14-15. dt: 29.10.14.					
	T.S. No:-	TS/SC/(YNK) 14/15-16. dt: 29.10.14.					
	Agg No:-	276/03-03-2016.					
	Work Orders No:-	No. BBMP/EE/BTP/Agg 112/16-17; dt: 23-08-16.					
	Approved tenders price:-	No. BBMP/EE/BTP/WO 112/16-17; dt: 23-08-16.					
	Date of commencement:-	31,11,080 5.00					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 09:-						
	Providing JCB per day:-						
	Date:						
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	
		01	-	-	-	= 01	

M. A.
Mea

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
		01
		01
		01
		01
		01
		01
		01
		01
		01
		01
		01
		01
		01
		01
		01

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	
–	–	= 01	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....263685

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		0.1	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
		01	–	–	–	= 01	
	Verified by	01	–	–	–	= 01	
	A.E.E.	01				TOTAL = 41 Nos	

Noted. N.D
AE(WR)

Serial No. ....
Name of Work ....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Item No. 10: – Engaging DATE:

MENT BOOK

	Dimensions				
Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	
–	–	–	= 01	[illegible]
–	–	–	= 01	AE(WR)
		TOTAL =	41 Nos	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 263686

Serial No. ....
Name of Work .... From.............................. To..................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 10:-						
	Engaging of tractor 50 HP. DATE:						
		01 x 6 =	–	–	–	= 6.0	
		01 x 6 =	–	–	–	= 6.0	
		01 x 5 =	–	–	–	= 5.0	
		01 x 6 =	–	–	–	= 6.0	
		01 x 6	–	–	–	= 6.00	
		01 x 5	–	–	–	= 5.00	
		01 x 6	–	–	–	= 6.00	
		01 x 6	–	–	–	= 6.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		01x4	-	-	-	= 4.00	
		01x5	-	-	-	= 5.00	
						55.00 Nos.	
						A/c Lt. No. 11 AE(W7)	

A.E.E.

Item. No. 11:-

Engaging of labours:-

Attendance extract:- total No of labours:

= 485 persons:

A/c Lt. No. 11 AE(W7)

Item. No. 02:- Premeasurements recorded on:

Earthwork excavation by manual means in ordinary

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	soil involving an avera	
	lift up to 0.5m, excava	
	the disposed earth to	
	complete as per specifi	
	Sandhyaq appa reddy	
	location:	ch:t
	cross road (LHS)	0-30m
		30-48m
	cross road (RHS)	0-30m
		30-45m

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
-	-	= 4.00	
-	-	= 5.00	
		55.00 Nos.	
		As Per M.N.D AE(W7)	
labours:			
		As Per M.N.D AE(W7)	
earnest endeavours in ordinary			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 263687
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	soil involving an average horizontal throw upto 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications complete as per specifications:							
	Sandhyaga Reddy location:	approx sketch layout:						
	cross road (L+S)	0-30m	01	30.00	0.90	0.50	= 13.50	
		30-48m	01	18.00	0.90	0.50	= 8.10	
	cross road (R+S)	0-30m	01	30.00	0.90	0.70	= 18.90	
		30-45m	01	15.00	0.90	0.70	= 9.45	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Main road:- 0-10m	02	10.00	0.90	0.70	12.60	
	10-20m	02	10.00	0.90	0.75	12.60	
	20-30m	02	10.00	0.90	0.75	13.50	
	30-38.5	02	8.50	0.90	0.75	11.48	
	38.5-48.5	02	10.00	0.90	0.80	14.40	
	48.5-58.5	02	10.00	0.90	0.80	14.40	
	58.5-68.5	02	10.00	0.90	0.80	14.40	
	68.5-78.5	02	10.00	0.90	0.90	16.20	
	78.5-88.5	02	10.00	0.90	0.90	16.20	
	88.5-98.5	02	10.00	0.90	1.20	21.60	
	98.5-108.5	02	10.00	0.90	1.20	21.60	

2827 14.11.17

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	108.5-
	culverts:-
	cross road (LHS
	cross road (LH
	cross road (RH
	Main road entran
	5/12/16
	A.E.E.

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0·90	0·70	12·60	
0·90	0·75	12·60	
0·90	0·75	13·50	
0·90	0·75	11·48	
0·90	0·80	14·40	
0·90	0·80	14·40	
0·90	0·80	14·40	
0·90	0·90	16·20	
0·90	0·90	16·20	
0·90	1·00	21·60	
0·90	1·00	21·60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

263688

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	108·5-138·5	02	30·00	0·90	1·20	= 64·80	
	culverts:-						
	cross road (LHS)	01	5·00	2·00	1·20	= 12·00	
	cross road (LHS)	01	5·00	2·00	1·20	= 12·00	
	cross road (RHS)	01	5·00	2·00	1·20	= 12·00	
	Main road entrance	01	5·00	2·00	1·20	= 12·00	
						48·00 cum.	
					Total=	331·73 cum	
		Qty	Ltd to:	331·08	cum		

Rs 5/12/16
A.E.E.

As Apply. to
AE(W)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.12:- Premeasurements recorded on:						
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted in foundation:						
	Sandhyagappa reddy layout:						
	cross road (LHS)	01	30.00	0.90	0.15	= 4.05	
		01	18.00	0.90	0.15	= 2.43	
	cross road (RHS)	01	30.00	0.90	0.15	= 4.05	
		01	15.00	0.90	0.15	= 2.03	
	Main road:-	02	10.00	0.90	0.15	= 2.70	
		02	10.00	0.90	0.15	= 2.70	
		02	10.00	0.90	0.15	= 2.70	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Culverts cross road (LHS)

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
on:			
don plain cement concrete			
and down size graded			
ncrete laid in layers not			
d in foundation:			
0·90	0·15 = 4·05		
0·90	0·15 = 2·43		
0·90	0·15 = 4·05		
0·90	0·15 = 2·03		
0·90	0·15 = 2·70.		
0·90	0·15 = 2·70.		
0·90	0·15 = 2·70.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency 263689
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		02	08·50	0·90	0·15 =	2·30	
		02	10·00	0·90	0·15 =	2·70	
		02	10·00	0·90	0·15 =	2·70	
		02	10·00	0·90	0·15 =	2·70	
		02	10·00	0·90	0·15 =	2·70	
		02	10·00	0·90	0·15 =	2·70	
		02	10·00	0·90	0·15 =	2·70	
		02	10·00	0·90	0·15 =	2·70	
		~~02~~	~~10·00~~	~~0·90~~	~~0·15~~ =	~~2·70~~	NOP AE(WS)
		02	30·00	1·20	0·15 =	10·80	
	Culverts						
	Crossroad (LHS)	01	5·00	2·00	0·15 =	1·50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross road (LHS)	01	5.00	2.00	0.15	= 1.50	
	Cross road (RHS)	01	5.00	2.00	0.15	= 1.50	
	Main road entrance	01	5.00	2.00	0.15	= 1.50	Amplified in A.E.(W)
					TOTAL =	58.65 Cum	
	A.E.E. 16						
	Item No. 15:- Premeasurements recorded on:						
	Providing and fabricating T.M.T steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required:						
	for cross road (LHS) Drain.						
	U bars:- $L_{drain} = 48 \times 2 = 96$ m:						
	$L_{U bar} = 1.9$ m:						
	No of bars = 564 Nos:						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	10mm ϕ @ 0.15m c/c: @ 0.62 k = 349.70 kg → (i).	
	For cross road (LHS) Drain 8 mm ϕ bars longitudinal: = 7 x 96 = 672 Nos-mtrs @ 0.39 kg/mtr. = 262.08 kg → (ii)	
	For Cross road (RHS) drain $l_{drain} = 45 \times 2 = 90$ m $L_{U bar} = 2.3$ mts	
	No of bars = 530 Nos:	

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	2.00	0.15 =	1.50	
	2.00	0.15 =	1.50	
	2.00	0.15 =	1.50	
		TOTAL =	58.65 cum	

on:

-7 Steel reinforcement for RCC work
bending, hooking, placing in
-sheeters required:

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

263690

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	10mm ϕ at 0.15m c/c: @ 0.62 kg/mtr = 349.70 kg → (i). For cross road (LHS) Drain. 8mm ϕ bars longitudinal: = 7 x 96 = 672 Nos-mtr @ 0.39 kg/mtr. = 262.08 kg → (ii) For Cross road (RHS) drain l_{drain} = 45 x 2 = 90m L_{ubar} = 2.3 nos No of bars = 530 Nos	10mm ϕ at 0.15m c/c @ 0.62 kg/mtr = 1219.0 Nos-mtr = 755.78 kg → (iii). 8mm ϕ bars longitudinal = 7 x 90 = 630 Nos-mtr @ 0.39 kg/mtr = 245.7 kg → (iv). Main road:- 10mm ϕ at 0.15m c/c @ 0.62 kg/mtr = L_{drain} = 277 m ; L_{ubar} = 2.7m. No of Ubars = 1629.0 Nos = 4398.3 Nos-mtr @ 0.62 kg/mtr = 2726.9 kg → (v) 8mm ϕ longitudinal bars: = 9 x 277 = 2493 Nos-mtr @ 0.39 kg/mtr = 976.27 kg → (vi) TOTAL = 5.35 tonne				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item. NO. 16:- Premeasurements recorded on:						
	Providing and removing centering, shuttering, strutting propping etc, and removal of form work for vertical surface such as walls at any thickness including attached pilasters, buttressed, plinth etc;						
	Sandhyagappa reddy layout:						
	Cross road (LHS)	1	4.00	30.00	0.50	= 60.00	
		1	4.00	18.00	0.50	= 36.00	
	Cross road (RHS)	1	4.00	30.00	0.70	= 84.00	
		1	4.00	15.00	0.70	= 42.00	
	Main road:-	3	06	10.00	0.70	= 42.00	
		3	06	10.00	0.75	= 42.00	
		3	06	10.00	0.75	= 45.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

A.E.E.

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		ing, shuttering, strutting.	
		) works for vertical	
		oness including attached	
30.00	0.50	= 60.00	
18.00	0.50	= 36.00	
30.00	0.70	= 84.00	
15.00	0.70	= 42.00	
10.00	0.70	= 42.00	
10.00	0.75	= 42.00	
10.00	0.75	= 45.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 263691

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		3×2	= 6.00	8.50	0.75	= 38.25	
		3×2	= 06.00	10.00	0.80	= 48.00	
		3×2	= 06	10.00	0.85	= 48.00	
		3×2	= 06	10.00	0.80	= 48.00	
		3×2	= 06	10.00	0.90	= 54.00	
		3×2	= 06	10.00	0.90	= 54.00	
		3×2	= 06	10.00	1.20	= 72.00	
		3×2	= 06	10.00	1.20	= 72.00	
		3×2	= 06	30.00	1.20	= 216.00	
						1001.25 sqm.	

Qty Ltd to 968.40 sqm.

A.E.E.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.13:- Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at two m apart in each course including cost of materials, labour, curing etc. Qty vide page No: 2637/26369 → 16.20 cum. At the rate of Rs: 3627.07 →						58758.00
	Item No.14:- Providing ruled pointing of coarse stone masonry with cement mortar 1:3, 20mm deep, after making joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc.,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide page N
	At the rate of Rs
	Item No.01:- 10-01-16
	Providing and l granite jelly of ready and well compacted finish in cm 1:3, wit
	Ree-drain - Bottom:-
	cross road - (HS)

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
granite / trap / basalt size stone				
t mortar 1:6, stone hammered				
ocms high, bond stones at two m				
t of materials, labour, curing etc				
3691 →			16.20 cum	58758.00
coarse stone masonry with				
les making joints to depth				
cost of materials, labour,				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....263695
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	City Wide page No. 2637 | 2638 92 → 32.00 sqm						1196.80
	At the rate of Rs 37.40 →						
	Item No. 07:- 10.01.16.						
	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., satisfactory apparatus ready layout.						
	RCC-drain - Bottom:-						
	Cross road - (HIS)	01	30.00	0.90	0.10	= 2.70	
		01	18.00	0.90	0.10	= 1.62	

ಕ.ಆ.ಪ್ರ.(ಪ್ರಾ.ಪ್ರ.)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross road (RHS)	01	30.00	0.90	0.10 =	2.70	
		01	15.00	0.90	0.10 =	1.35	
	Main road	01	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	
		02	8.50	0.90	0.10 =	1.53	
		02	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	
		02	10.00	0.90	0.10 =	1.80	

C&FC. 31/01

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ager
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	SIDEWALL:-
	Cross road - (LHS)
	Cross road - (RHS)
	Main road:-

C&FC 31/01

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.90	0.10 =	2.70	
0.90	0.10 =	1.35	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.53	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	
0.90	0.10 =	1.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 263696

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		06	30.00	0.90	0.10 =	5.40	
						33.30	
	SIDEWALL:-						
	Cross road-(LHS)	1x2 =	2.00	30.00	0.10 x 0.50 =	3.00	
		1x2=2	18.00	0.10	0.50 =	1.80	
	cross road-(RHS)	1x2=2	30.00	0.10	0.70 =	4.20	
		1x2=2	15.00	0.10	0.70 =	2.10	
	Main road:-	2x2=4	10.00	0.10	0.70 =	2.80	
		2x2=4	10.00	0.10	0.70 =	2.80	
		2x2=4	10.00	0.10	0.75 =	3.00	

C&FC 31/01

T.O. (W...)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2x2=4	8.50	0.10	0.75 =	2.55	
		2x2=4	10.00	0.10	0.80 =	3.20	
		2x2=4	10.00	0.10	0.80 =	3.20	
		2x2=4	10.00	0.10	0.80 =	3.20	
		2x2=4	10.00	0.10	0.90 =	3.60	
		2x2=4	10.00	0.10	0.90 =	3.60	
		2x2=4	10.00	0.10	1.20 =	4.80	
		2x2=4	10.00	0.10	1.20 =	4.80	
		2x2=4	30.00	0.10	1.20 =	14.40	
						63.05 cum	
				TOTAL=		96.35 cum	
	Qty tld 10 89.21 cum At the rate of Rs 6136.55 →						547441.60

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Item No. 17.-20 Providing and -ced cement concrete including centering concrete laid in laye materials labour cu ready layout: cross road - (LHS)
	Cross road - (RHS)

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	0.10	0.75 =	2.55	
	0.10	- 0.80 =	3.20	
	0.10	0.80 =	3.20	
	0.10	0.80 =	3.20	
	0.10	0.90 =	3.60	
	0.16	0.90 =	3.60	
	0.10	1.20 =	4.80	
	0.10	1.20 =	4.80	
	0.10	1.20 =	14.40	
			63.05 cum	
	TOTAL=		96.35 cum	
				547441.60

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263697

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 17.20						
	Providing and fixing 10cm thick precast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm thick. well compacted cost of all materials labour curing complete as per specifications: Sandhya aq appa reddy layout:						
	cross road (LHS)	01	30.00	0.90	- =	27.00	
		01 -	18.00	0.90	- =	16.20	
	Cross road - (RHS)	01 -	30.00	0.90	- =	27.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Main road:-	01	15.00	0.90	-	= 13.50	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	8.50	0.90	-	= 15.30	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	10.00	0.90	-	= 18.00	
		02	30.00	0.90	-	= 54.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
	Kempapura Govt School:-
	Qty
	At th
	Item No.18:-
	Providing and reinforced cement co including centering mixed concrete laid i

BOOK

...ons		Contents	Reference to last Measurement
...readth 5	Depth 6	7	8
...90	-	= 13.50	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 15.30	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 18.00	
...90	-	= 54.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263698

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Kempapura Govt School:-	02	30.00	1.20	- =	72.00	
						405.00 cum	
	Qty ltd to 404.10 cum						
	At the rate of Rs. 1865.80 →						753969.80
	Item No.18:-						
	Providing and fixing 10cm thick precast RCC covering slab using reinforced cement concrete 1:2:4 mix with stone aggregate 20mm and ↓ size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm thick well compacted						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cost of all materials labour curing complete as per specification						
		34.00	1.80	0.60	-	= 36.72 cum	
	At the rate of Rs 4620.73 →						169673.20
	Item No. 08:-						
	lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading:						
	Qty vide Item No. 02 → 32408 cum						
	At the rate of Rs: 76.50 →						24792.00
						GRAND TOTAL=	3090935.00

Recd Rs 30/1/17
A.E.E.

30/1/17 Amt Rs 111.N.D
AE(WT)

2627 M.T

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work .

Date	Full description, etc, of
1	2

Mariyamapalya main

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		complete as per specification	
		0.60 - = 36.72 cum	
			169673.20
		hall be payable at carriage loading and unloading:	
		4.08 cum	
			24792.00
		GRAND TOTAL=	3090935.00

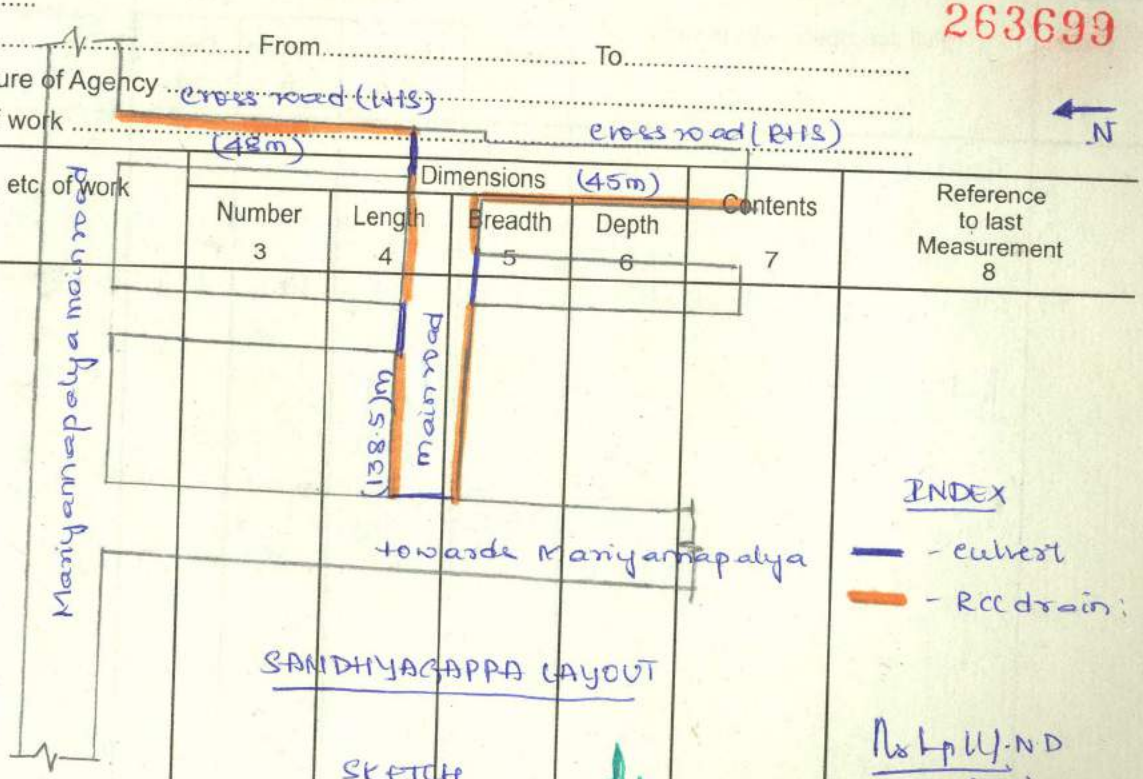
30/1/17 Rs Lp III-N-D AE(WT)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263699

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....



Date	Full description, etc. of work	Dimensions (45m) Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
							INDEX - culvert - RCC drain:
							Rs Lp III-N-D AE(WT)

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:						
	1) Certified that the workdone by the contractor is satisfactory						
	2) Certified that debris has been removed from the workspot.						
	Asst/JE/N.D AE(W7)						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಕೂಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು - 560092						

2627.1.1

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work .

Date	Full description, etc, of
1	2
Sl.No	Details / Qty.
	40mm = 58.65 cu
	20mm = 89.21 cu
	TOT
	ABSTRACT
	1) Coarse-Agg
	2) Fine-Aggr

IENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
y the contractor is satisfactory				
een removed from the workspot.				
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು				
ಜಲ್ಲಿ ಉಪವಿಭಾಗ				
ದಲಾಯ, ಬಿ.ಬಿ ಎಂ.ಪಿ.				
ಂಪ – 560092				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 263700

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work ... Royalty charges .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sl.No Details	Co-eff	Coarse Aggs Qty.	Co-eff	Fine Aggs Qty	Coeff Cement	Qty.
	01 40mm = 58.65 cum	0.96	56.3	0.48	28.15	–	–
	02 20mm = 89.21 cum.	0.90	80.30	0.45	40.14	–	–
	TOTAL:		136.60		68.30	–	–
	ABSTRACT						
	1) Coarse-Aggregate: 136.60 x 108 = 14752.80					–	
	2) Fine-Aggregate: 68.30 x 103 = 7034.90					–	

21788-b

BR NO | 792 | 31-01-2017.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total Rs:	30,90,935-00	
					IT-	30909-00	
					VAT-	123637-00	
					CM	30909-00	
					CBF-	309/-00	
					LR-	21788-00	
					Fire	1350-00	
					Adj.	2.11.684-	
					Charges	2879251-	

Audited & Admitted to Rs 30,90,935-00
Rs. 28,79,251-00 Rupees Twenty eight Lakh seventy nine Thousand two hundred fifty one only. By Cheque
and Rs 2.11,684-00 By adjustment

Accts. Supdt. Exe. Engineer
Byatarayanapura Dn. Byatarayanapura Dn.
BBMP BBMP.
25/02